

International Application No  
.../GB2004/002558

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07K14/47 C07K7/06 C07K16/18 A61K38/17

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, BIOSIS, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| X          | WO 01/64234 A (SIDELMAN ZVI ; CHAY 13<br>MEDICAL RES GROUP N V (NL))<br>7 September 2001 (2001-09-07)<br>The whole document; see especially Table 3 | 1-5,<br>18-24         |
| X          | WO 03/018606 A (SIDELMAN ZVI ; CHAY 13<br>MEDICAL RES GROUP N V (NL))<br>6 March 2003 (2003-03-06)<br>the whole document<br>-----<br>-/--           | 1-5,<br>18-24         |

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

5 January 2005

Date of mailing of the international search report

17/01/2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| X          | <p>LAHOV E ET AL: "ANTIBACTERIAL AND IMMUNOSTIMULATING CASEIN-DERIVED SUBSTANCES FROM MILK: CASECIDIN, ISRACIDIN PEPTIDES"</p> <p>FOOD AND CHEMICAL TOXICOLOGY, XX, XX, vol. 34, no. 1, 1996, pages 131-145, XP000612001</p> <p>ISSN: 0278-6915</p> <p>The whole document; see especially Fig.1</p>   | 1-5,<br>18-24         |
| X          | <p>HENDRY K A ET AL: "Autocrine inhibition of milk secretion in the lactating tammar wallaby (Macropus eugenii)."</p> <p>JOURNAL OF MOLECULAR ENDOCRINOLOGY. OCT 1998,</p> <p>vol. 21, no. 2, October 1998 (1998-10), pages 169-177, XP002312446</p> <p>ISSN: 0952-5041</p> <p>the whole document</p>   | 1-17,<br>19-23        |
| X          | <p>BLATCHFORD D R ET AL: "Autocrine regulation of protein secretion in mouse mammary epithelial cells."</p> <p>BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS. 30 JUL 1998,</p> <p>vol. 248, no. 3,</p> <p>30 July 1998 (1998-07-30), pages 761-766, XP002312447</p> <p>ISSN: 0006-291X</p> <p>the whole document</p>  | 1-17,<br>19-23        |
| X          | <p>RENNISON M E ET AL: "Inhibition of constitutive protein secretion from lactating mouse mammary epithelial cells by FIL (feedback inhibitor of lactation), a secreted milk protein."</p> <p>JOURNAL OF CELL SCIENCE. OCT 1993,</p> <p>vol. 106 ( Pt 2), October 1993 (1993-10), pages 641-648, XP002312448</p> <p>ISSN: 0021-9533</p> <p>the whole document</p> | 1-17,<br>19-23        |

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/GB2004/002558

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:  
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☒ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

Information on patent family members

International Application No

.../GB2004/002558

| Patent document<br>cited in search report |   | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
|---|---|---------------------|----------------------------|---------------------|
| WO 0164234                                | A | 07-09-2001          | AU 3596201 A               | 12-09-2001          |
|   |   |                     | BR 0109027 A               | 03-06-2003          |
|   |   |                     | CA 2401550 A1              | 07-09-2001          |
|   |   |                     | CN 1427725 T               | 02-07-2003          |
|   |   |                     | CZ 20022915 A3             | 12-03-2003          |
|   |   |                     | EP 1261360 A1              | 04-12-2002          |
|   |   |                     | HU 0301003 A2              | 28-07-2003          |
|   |   |                     | WO 0164234 A1              | 07-09-2001          |
|   |   |                     | JP 2003528827 T            | 30-09-2003          |
|   |   |                     | MX PA02008569 A            | 24-02-2003          |
|   |   |                     | NO 20024157 A              | 30-10-2002          |
|   |   |                     | PL 361307 A1               | 04-10-2004          |
|   |   |                     | US 2004167073 A1           | 26-08-2004          |
|   |   |                     | US 2002147144 A1           | 10-10-2002          |
|   |   |                     | ZA 200206842 A             | 28-07-2003          |
| WO 03018606                               | A | 06-03-2003          | CA 2458924 A1              | 06-03-2003          |
|   |   |                     | CZ 20040335 A3             | 14-07-2004          |
|   |   |                     | WO 03018606 A2             | 06-03-2003          |

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